Creative Enzymes®

pseudobaptigenin synthase

Cat. No. EXWM-1029

Lot. No. (See product label)

Introduction

Description	A heme-thiolate enzyme (P-450) catalysing an oxidative reaction that does not incorporate oxygen into the product. Catalyses a step in the biosynthesis of (–)-maackiain, the main pterocarpan phytoalexin in chickpea (Cicer arietinum).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.21.8
Reaction	(1) calycosin + NADPH + H+ + O2 = pseudobaptigenin + NADP+ + 2 H2O; (2) pratensein + NADPH + H+ + O2 = 5-hydroxypseudobaptigenin + NADP+ + 2 H2O
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.